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New claim 1

1. Method for shutting down inter-domain routes, wherein
  - the failure of a segment connecting two autonomous systems (AS4, AS5) is established by a router (R43) of a first autonomous system (AS4),
  - a message, which contains information relating to the failure of the segment, and by means of which the failed segment is disclosed to the second autonomous system (AS3), is sent from the router (R43) to a second autonomous system (AS3), and
  - the inter-domain routes containing the segment are shutdown by a router (R32) of the second autonomous system (AS3).